LISTING OF CLAIMS

Claims 1 to 12. (Canceled).

13. (Previously Presented) A set, comprising:

a battery charger, charge parameters of the battery charger being variable;

a unit including a battery to be charged;

a connection element removable from the battery charger; and

an arrangement outside the battery charger including at least one resistor;

wherein the battery charger includes a circuit adapted to set at least one electrical charge parameter of a charge upon connection of the unit to the battery charger via the connection element, the at least one electrical charge parameter being set by the circuit in accordance with a corresponding reference signal having a value dependent on a resistance of a corresponding one of the at least one resistor of the arrangement.

14. (Previously Presented) The set according to claim 39, wherein the connection element includes a cable, a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit, and wherein the arrangement is arranged in one of the first connector and the second connector.

Claims 15 and 16. (Canceled).

17. (Previously Presented) The set according to claim 13, wherein the connection element includes a connector configured to cooperate with a complementary connector of the battery charger, the arrangement arranged in the connector of the connection element.

18. (Previously Presented) The set according to claim 13, wherein the arrangement is arranged in one a cable of the connection element and a connector configured to cooperate with a complementary connector of the unit.

19. (Previously Presented) The set according to claim 39, wherein the battery charger is configured to charge a battery of a portable telephone.

Claims 20 and 21. (Canceled).

22. (Previously Presented) A connection element configured to connect a battery charger to a battery unit, comprising:

at least one resistor; and

first connection terminals and second connection terminals, the first connection terminals adapted to deliver a charge from the battery charger to the battery unit, the second connection terminals adapted to connect the at least one resistor to a circuit of the battery charger and to deliver reference signals between the connection element and the circuit, the circuit adapted to set in the battery charger parameters of the charge of the battery unit delivered from the battery charger to the battery unit by the first connection terminals, the connection element removable from the battery charger and from the unit.

Claims 23 to 26. (Canceled).

27. (Previously Presented) The set according to claim 39, wherein the at least one resistor includes a plurality of resistors .

Claim 28. (Canceled).

29. (Previously Presented) The set according to claim 13, wherein the connection element includes a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit.

30. (Previously Presented) The set according to claim 39, wherein the battery charger is connectable to a plurality of connection elements having varying geometric shapes, the plurality of connection elements including the connection element.

31. (Previously Presented) The set according to claim 39, wherein the battery charger includes at least one terminal connectable to a high potential current provider.

32. (Previously Presented) The set according to claim 38, wherein the battery charger includes at least one terminal connectable to a high potential current provider.

33. (Previously Presented) The set according to claim 39, wherein the connection of the unit to the battery charger forms an electric circuit, the at least one electrical charge parameter automatically determined as a function of a components value of the electric circuit.

34. (Previously Presented) The set according to claim 39, wherein the unit is one of a plurality of units, the battery charger connectable to each unit of the plurality of units, the connection element connectable only to the unit.

35. (Previously Presented) The set according to claim 39, wherein the at least one electrical charge parameter includes at least one of a voltage parameter and a current parameter.

36. (Previously Presented) The connection element according to claim 22, further comprising a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit.

37. (Previously Presented) A set, comprising:

a battery charger, charge parameters of the battery charger being variable;

a unit including a battery to be charged; and

a connection element removable from the battery charger and including an arrangement, the arrangement including at least one resistor;

wherein the battery charger includes a circuit adapted to set at least one electrical charge parameter of a charge upon connection of the unit to the battery charger via the connection element, the at least one electrical charge parameter being set by the circuit in accordance with a corresponding reference signal having a value dependent on a resistance of a corresponding one of the at least one resistor of the arrangement.

38. (Previously Presented) The set according to claim 37, wherein:

the connection element includes a cable, a first connector configured to cooperate with a complementary connector of the battery charger, and a second connector configured to cooperate with a complementary connector of the unit; and

the arrangement is arranged in one of the first connector and the second connector.

39. (Previously Presented) A set, comprising:

a battery charger, charge parameters of the battery charger being variable;

a unit including a battery to be charged;

a connection element configured to connect the unit to the battery charger and removable from the battery charger and from the unit; and

an arrangement arranged in the connection element, the arrangement including at least one resistor;

wherein the battery charger includes a circuit adapted to set at least one electrical charge parameter of a charge upon connection of the unit to the battery charger via the connection element, the at least one electrical charge parameter being set by the circuit in accordance with a corresponding reference signal having a value dependent on a resistance of a corresponding one of the at least one resistor of the arrangement.

40. (Previously Presented) The set according to claim 13, wherein the connection element is removable from the unit.

Claim 41. (Canceled).

42. (Previously Presented) The set according to claim 13, wherein the at least one resistor includes a first resistor and a second resistor, the at least one electrical charge parameter including voltage of the charge and current of the charge, the circuit adapted to set the voltage of the charge in accordance with a first reference signal having a value dependent on the resistance of the first resistor, the circuit adapted to set the current of the charge in accordance with a second reference signal having a value dependent on the resistance of the second resistor.

43. (Previously Presented) The connection element according to claim 22, wherein the at least one resistor includes a first resistor and a second resistor, the battery charger parameters of the charge including voltage of the charge and current of the charge, the circuit adapted to set the voltage of the charge in accordance with a first reference signal having a value dependent on a resistance of the first resistor and to set the current of the charge in accordance with a second reference signal having a value dependent on a resistance of the second resistor.

44. (Previously Presented) The set according to claim 37, wherein the at least one resistor includes a first resistor and a second resistor, the at least one electrical charge parameter including voltage of the charge and current of the charge, the circuit adapted to set the voltage of the charge in accordance with a first reference signal having a value dependent on the resistance of the first resistor, the circuit adapted to set the current of the charge in accordance with a second reference signal having a value dependent on the resistance of the second resistor.

45. (Previously Presented) The set according to claim 39, wherein the at least one resistor includes a first resistor and a second resistor, the at least one electrical charge parameter including voltage of the charge and current of the charge, the circuit adapted to set the voltage of the charge in accordance with a first reference signal having a value dependent on the resistance of the first resistor, the circuit adapted to set the current of the charge in accordance with a second reference signal having a value dependent on the resistance of the second resistor.